On the day that its report, "Graduate Studies in the University of Toronto", was made public, the President's Committee on the School of Graduate Studies sat together in the Senate Chamber for a group picture, their first in nearly two years of study, deliberation and decision. Since the committee was appointed, its chairman, then Professor Bora Laskin of the Faculty of Law, became a justice of the Supreme Court of Ontario. The committee is pictured above: *seated, left to right*: Dr. Northrop Frye, Mrs. Frances Ireland, committee secretary; Mr. Justice Bora Laskin, Dean Ernest Sirluck; *standing, left to right*: Professors A. C. H. Hallett, John C. Polanyi, William C. Winegard, Robert F. McRae, Charles S. Hanes, Harry C. Eastman, John C. Cairns, and Kenneth C. Fisher.

JANUARY 1966

STAFF **bulletin**

UNIVERSITY OF TORONTO

JANUARY EVENTS

4 TUESDAY

Meeting	Academy of Medicine. "The Pathogenesis and Treatment of Shock: A Progress Report". Prof. Fraser Gurd, McGill University, and Surgeon-in-Chief, Montreal General Hospital. Osler Hall. 8.30 p.m. Subscription dinner at University Club. 6.30 p.m.
French Film	"The Three Giants: Cézanne, Gauguin et Van Gogh" (slides). Room 104, U.C. 1.10 p.m. Repeated Wednesday.

5 WEDNESDAY

Seminar	Department of Computer Science. "Data Coding—Performance of Dense Codes". Prof. Gordon Lang. Room 101, McLennan Laboratory. 4 p.m.

6 THURSDAY

Music	Faculty of Music Series. Bach Sonatas for Flute and Keyboard by Kelsey Jones and Mario Duschenes, Program I. Concert Hall, Edward Johnson Building. 2 p.m.
Poetry Reading	In the Art Gallery, Hart House. Ladies welcome.

7 FRIDAY

Athletics	Fencing. McMaster at Varsity. Hart House. 7.30 p.m.

8 SATURDAY

Lecture	Royal Canadian Institute. Lecture by Dr. J. T. Robinson, Professor of Anthropology and Zoology, University of Wisconsin. Convocation Hall. 8.15 p.m.
Athletics	Basketball. Robert Wesleyan at Varsity. Hart House. 8.30 p.m.

9 SUNDAY

Films	ROM Sunday films: "Life on the Coral Reef"; "The Whooping Crane"; "Kenojuak—Eskimo Artist". Museum Theatre. 2 p.m. Free.

10 MONDAY

Colloquium	School of Graduate Studies, Department of Computer Science. "The Future of Computational Semantics". Prof. Y. Bar-Hillel, Hebrew University, Jerusalem, presently at the University of Michigan. Room 101, McLennan Laboratory. 4 p.m.

11 TUESDAY

Films	Great Lakes Institute. "Challenge of the Oceans" reviews the main instruments and techniques used in oceanography and provides a comprehensive introduction to oceanography. Room 102, Mechanical Building. 1 p.m.
	French film "21, Rue Blanche". Room 104, U.C. 1.10 p.m. Repeated Wednesday.
Lecture	University College Literary and Athletic Society "Man in the Automated Age" Series. "Should Advanced Technology Influence Our View of Life?" Y. Bar-Hillel, Professor of Philosophy and Mathematical Linguistics, Hebrew University, Jerusalem. Convocation Hall 5 p.m.
Debate	Hart House Noon-Hour Debate.

12 WEDNESDAY

Seminar	Department of Computer Science. "Some Elements of Analog Computation—An Elementary Introduction to the Techniques and Problems with Demonstration". Prof. J. M. Ham. Room 101, McLennan Laboratory. 4 p.m.
Athletics	Swimming and Wrestling. Guelph at Varsity. 7.30 p.m. Basketball. Waterloo at Varsity. 8.30 p.m. All at Hart House.

13 THURSDAY

Music	Faculty of Music Series. Bach Sonatas for Flute and Keyboard by Kelsey Jones and Mario Duschenes, Program II. Concert Hall, Edward Johnson Building. 2 p.m.
	Faculty of Music Special Events Series. Concentus Musicus. Concert Hall, Edward Johnson Building. 8.30 p.m.
Poetry Reading	In the Art Gallery, Hart House. Ladies welcome. 1.15 p.m.

14 FRIDAY

Lecture	Pontifical Institute of Mediaeval Studies. "The Work of Arne Magnusson and the Principal Collections of Icelandic Manuscripts". Prof. Hans Bekker-Nielsen. Teefy Hall. 3 p.m.
Athletics	Hockey. Queen's at Varsity. Varsity Arena. 8 p.m.

Festival of the Arts

The first Hart House Festival of the Arts, sponsored by the Standing Committee of the House, will take place Jan. 13 to 16. The program will highlight the continuing activities of the House, with special emphasis on activities contributing to the cultural life of the University community.

Events will include a series of concerts (classical, popular *and* avant garde), art displays, films and discussions, a formal debate on The Arts in Canada, a theatre producers' discussion, a "happening"; and guided tours of the permanent collection of Canadian Art. Saturday and Sunday have been declared "Open House" to encourage the members of the University to introduce their friends to Hart House. Some of the events will require tickets*. A brochure containing detailed information will be available at the Hall Porter's desk from the first day of term.

THURSDAY, JAN. 13		
	Art Gallery	Alex Colville Paintings Magic Realism
	Second Floor Landing West End	Special Collection Library Display
	Ground Floor and Basement Corridors	Photographic Exhibition
5 p.m.	Music Room	Concert of Electronic Music*
8 p.m.	Debates Room	Debate
FRIDAY, JAN. 14		
1 p.m.	East Common Room	Noon Hour Concert
5 p.m.	Music Room	Concert by Malka and Joso*
9 p.m.	Great Hall	"Happening"—mixed media*
SATURDAY, JAN. 15	**Visitors' Day**	
10 to 2 p.m.	Debates Room	Art Films (Norman MacLaren)
2 to 5 p.m.	Music Room	Music Workshop
3 to 5 p.m.	Debates Room	Theatre Directors' Discussion
8 p.m.	Great Hall	Glee Club Concert*
8 p.m.	Library	Science Fiction Symposium*
SUNDAY, JAN. 16	**Visitors' Day**	
2.30 p.m.	Art Gallery	Alex Colville and Robert Fulford—Art Discussion
8.30 p.m.	Great Hall	Toronto Chamber Orchestra*

Tea will be served in the Great Hall on Sunday afternoon

15 SATURDAY

Lecture	Royal Canadian Institute. "Cancer, Radiation and the Cell". Dr. Harold E. Johns. Convocation Hall. 8.15 p.m.
Athletics	Wrestling. Waterloo at Varsity. 2 p.m. Fencing. R.M.C. at Varsity. 1.30 p.m. Both at Hart House.

16 SUNDAY

Lecture	ROM Public Lecture Series. "New Look at Some Old Birds". Dr. Jon Barlow. Museum Theatre. 2.30 p.m. Free.

18 TUESDAY

French Film	"Life and Arts in the 14th Century" (slides). Room 104, U.C. 1.10 p.m. Repeated Wednesday.
Lectures	University College Literary and Athletic Society "Man in the Automated Age" Series. "The Person and the City". Jacques Simard, Montreal Town Planner. Convocation Hall. 5 p.m.
	Centre for Renaissance and Reformation Studies. "St. Augustine's Approach to History". Prof. G. L. Keyes, whose special field is St. Augustine, the spiritual father of both Erasmus and Luther. Alumni Hall, Victoria College. 4.30 p.m.

19 WEDNESDAY

Lecture	Archaeological Institute of America, Toronto Society. "Crete and its Palaces". Prof. J. Walter Graham. Museum Theatre. 4.30 p.m. Free.
Athletics	Exhibition Boxing. 8 p.m. Basketball. Guelph at Varsity. 8.30 p.m. Both at Hart House.

20 THURSDAY

Lecture	Toronto Graduate School of Theological Studies. "The Quest for the Historical Jesus Today". Prof. T. A. Burkill, University of Alberta. Wycliffe College. 4.30 p.m.
Symposium	International Symposium on "The Regulation of the Antibody Response". Jan. 20 to 22. Osler Hall.
Music	Faculty of Music Series. Recital by Frans Brouw, pianist. (Women's Musical Club). Eaton Auditorium. 2 p.m.
Poetry Reading	In the Art Gallery, Hart House. Ladies Welcome. 1.15 p.m.

21 FRIDAY

Supper	Faculty Club Lobster Buffet Supper. 5.30 to 8.30 p.m.
Athletics	Hockey. McGill at Varsity. Varsity Arena. 8 p.m.

22 SATURDAY

Lecture	Royal Canadian Institute. "Operation of Rocket Range". Major R. Diaz, Air Force Test Centre, Patrick Air Force Base, Cape Kennedy. Convocation Hall. 8.15 p.m.
Athletics	Fencing. Hobart at Varsity. 1.30 p.m. Wrestling. McMaster at Varsity. 2 p.m. Both at Hart House.

23 SUNDAY

Music	Hart House Orchestra conducted by Boyd Neel. Great Hall. 8 p.m. Tickets $2.50 at the door.
Films	ROM Sunday films: "The Hutterites" (Alberta farm colony); "People Might Laugh at Us" (children's art in a seacoast village); "Life on Other Planets". Museum Theatre. 2 p.m. Free.

25 TUESDAY

Lectures	First of two public lectures on "From Poor Richard to Colonel Sellers: Business Enterprise as a Theme in American Literature" by Prof. Henry Nash Smith, University of California at Berkeley (Visiting Professor in American Studies here, Jan. 24 to Feb. 2). First lecture: "The Morals of Trade". West Hall, U.C. 5 p.m.
Music	Centre for Renaissance and Reformation Studies. "Luther, Johannes Brenz and State Church". Prof. J. M. Estes. Alumni Hall, Victoria College. 4.30 p.m.
	J. S. Bach's Cantata #190, *Sing to the Lord a Glad New Song*, by the Victoria College Chapel Choir, with orchestral accompaniment, under the direction of Louise Grasett. Victoria College Chapel. 8 p.m. Admission free.
French Film	"Life and Arts in the 15th Century" (slides). Room 104, U.C. 1.10 p.m. Repeated Wednesday.

27 THURSDAY

Lecture	Second of two public lectures on "From Poor Richard to Colonel Sellers: Business Enterprise as a Theme in American Literature" by Prof. Henry Nash Smith, Visiting Professor in American Studies. "The Morals of Power". West Hall, U.C. 5 p.m.
Poetry Reading	In the Art Gallery, Hart House. Ladies welcome. 1.15 p.m.
Seminar	Department of Physics. "Some Aspects of the Bloch Equation". Prof. D. Ter Haar, Oxford University. Room 135, McLennan Laboratory. 4 p.m.

28 FRIDAY

Party	Faculty Club Party. 8 p.m.

29 SATURDAY

Open House	Faculty of Pharmacy, Russell and Huron Streets. Demonstrations and displays from 12 o'clock noon to 10 p.m.
Lecture	Royal Canadian Institute. "My Weather House Has Many Mansions". Percy Saltzman, Meteorology Service of Canada. Convocation Hall. 8.15 p.m.
Athletics	Gymnastics. R.M.C., Queen's and New Brunswick at Varsity. 1.30 p.m. Swimming. Buffalo at Varsity. 2 p.m. Both at Hart House.

Exhibitions

"In a Canadian Attic". A survey of Canadiana—paintings, furniture, china, glass, coins, weapons and household implements—at the Sigmund Samuel Canadiana Building of the ROM, 14 Queen's Park Crescent West. Continues throughout the winter. Closed Mondays.

"40 Years of Fabigan". A special exhibition of posters by Hans Fabigan, one of Europe's most influential designers. Until Jan. 30 in ROM's Exhibition Hall.

"Watercolours by William Armstrong". The face of Ontario a century ago, as set down by an artist, engineer and one-time drawing master at the old Toronto Model School. At the Sigmund Samuel Canadiana Building. Until Jan. 11.

"Churchill Memorial Designs". The U.S. Post Office has provided a number of the designs proposed for its 5-cent issue commemorating Sir Winston Churchill. In the stamp cases off the ROM lower rotunda until Feb. 5.

"Murals in Lace". Brightly coloured designs by a Czech craftswoman who has breathed new life into the old technique of Bohemian lace-making. ROM lower rotunda until Jan. 23.

"Portrait Engravings". Military, naval, and political figures from Canada's early history are shown in a selection of prints from the Sigmund Samuel Canadiana Building, 14 Queen's Park Crescent West. Jan. 15–April 10.

Exhibition of paintings by François Thepot. Alumni Hall, Victoria College. Jan. 10 to Feb. 11.

University Art Show at Hart House Art Gallery, from Jan. 25 to Feb. 5. Entries will be accepted in the Undergraduate office from 9 a.m. to 5 p.m. from Jan. 17 to 21 from all members of the University.

Open Houses

Pharmacy

Open House in the Faculty of Pharmacy, Russell and Huron Streets. Demonstrations and displays on Saturday, Jan. 29 from 12 o'clock noon to 10 p.m.

Hart House

As part of the Hart House Festival of the Arts, Jan. 13–16, the House will be open to visitors on Saturday and Sunday, Jan. 15 and 16. For details see page 4.

Appointments and Promotions

Administration

J. H. R. Morgan has been appointed Special Officer (Secondary School Liaison), effective February 1.

Dr. Morgan has been Director of the Ontario Curriculum Institute since 1964, and, before that, Superintendent of Secondary Schools in Toronto for 16 years. Previously he was a high school teacher, principal and inspector. During the Second World War, he served with the Canadian Infantry Corps in Canada and overseas.

A Toronto graduate with B.A., M.A., and B.Paed degrees, Dr. Morgan received from this University the honorary degree of Doctor of Laws in 1963 in recognition of his contribution to the advancement of education. He is a member of the University of Toronto Senate.

His principal responsibility will be to strengthen the relationship between the University and the secondary schools; Dr. Philip Ketchum served in a similar capacity until his death in July, 1964.

Edward M. Davidson, at present Director of Financial Aid and formerly Assistant Registrar, on February 1 will become Director of Admissions. Mr. Davidson will succeed Arthur R. Kilgour, who is leaving the University after six years' service in the Office of the Registrar.

R. L. Purves has been appointed Director of Financial Aid, effective February 1. Mr. Purves comes from Ottawa, where since 1962 he has been Co-ordinator Joint Staff (Navy, Army, Air Force) at Defence Headquarters, with the rank of brigadier. Before embarking upon a military career in 1940, Mr. Purves was head of the School of Commerce at Mount Royal College, Calgary, and was a lecturer at the University of Alberta. He is a graduate (in economics)

of the University of British Columbia and of the Victoria, B.C., Normal School.

Wim Kruiderink, of Hamilton, Ont., becomes Assistant to the Registrar, replacing John P. Evans, who left the University on November 30. After a short period in industry, Mr. Kruiderink studied history and political science at McMaster, from which he graduated in 1961. Following two years' teaching experience, Mr. Kruiderink returned to McMaster to work toward his Master's degree, during which time he lectured in political science. In 1964 he returned to teaching and became Chairman of the History department at Central Secondary School, Hamilton.

Medicine

W. H. Allemang has been promoted to the rank of Professor in the Department of Obstetrics and Gynaecology and Senior Obstetrician and Gynaecologist at Toronto General Hospital effective Jan. 1, 1966.

R. J. Avery of Lethbridge, Alberta, has been appointed Director of Animal Facilities for the Faculty commencing July 1, 1966. At present, Dr. Avery is Director of the Federal Animal Diseases Research Institute in Lethbridge, a position he has held since 1959. He has been president of the Alberta Veterinary Medical Association for the past year and is an active Kinsman. Following graduation from the Ontario Veterinary College in 1950, Dr. Avery received his Master's and Ph.D. from McGill University in 1952 and 1955, in bacteriology and immunology.

W. A. Green has been appointed Assistant Professor in the Department of Biochemistry. Born in London, England, Dr. Green graduated from London University with a B.Sc. in Chemistry and Physics in 1943. His Ph.D. was obtained at the University of Alberta in Biochemistry in 1963. Before coming to Toronto, Dr. Green was in the Department of Medical Biochemistry, University of Birmingham, with prior experience in the Department of Biochemistry, University of Alberta, Edmonton.

A new appointment in the Department of Pathology is that of M. D. Silver who joined the staff as Assistant Professor on September 1. Born in Australia, Dr. Silver graduated from Adelaide University with the degree of M.B., B.S. in 1957 and obtained his M.Sc. and Ph.D. at McGill University in 1961 and 1963 respectively. Prior to coming to Toronto, he was a Research Fellow in Experimental Pathology at the John Curtin School of Medical Research, Australian National University.

Visiting Professor in American Studies

Henry Nash Smith will be Visiting Professor in American Studies here from Jan. 24 to Feb. 2.

He will give two public lectures on "From Poor Richard to Colonel Sellers: Business Enterprise as a Theme in American Literature" on Jan. 25 and 27, and will conduct undergraduate and graduate seminars.

Dr. Smith is Professor of English at the University of California at Berkeley; previously he was at the University of Minnesota, and before that was Professor of English and History at the University of Texas. He is a graduate of Southern Methodist University, with M.A. and Ph.D. degrees from Harvard.

Among Dr. Smith's publications are *Virgin Land; The American West, A Symbol and Myth*; and *Mark Twain: The Development of a Writer*. He edited the *Mark Twain —Howells Letters* (two volumes), and is literary editor of the Mark Twain Estate.

DEADLINE: JANUARY 15

STAFF BULLETIN is published by the Department of Information, University of Toronto, and edited by Mrs. Winogene Ferguson. Copy for the February issue must reach the editor (Room 225, Simcoe Hall, telephone 928–2102) *not later than January 15.*

International Symposium

A Symposium on "Regulation of the Antibody Response" will be held at the Academy of Medicine, Osler Hall, Jan. 20 to 22.

It has been organized by the Division of Post-graduate Medical Education of the Faculty of Medicine, the School of Graduate Studies, the Canadian Arthritis and Rheumatism Society, the Gairdner Foundation, the Medical Research Council and the National Cancer Institute of Canada, under the aegis of the Ontario Antibody Club. Conference chairman is Dr. B. Cinader of the Department of Medical Biophysics.

Other participants are: R. D. Owen, California Institute of Technology; E. Witebsky, State University of New York, Buffalo; N. A. Mitchison, National Institute for Medical Research, London, England; G. L. Asherson, The London Hospital, England; B. Benacerraf, New York University; P. H. Maurer, New Jersey College of Medicine and Dentistry; F. Haurowitz, Indiana University; M. Cohn and E. S. Lennox, Salk Institute for Biological Studies; J. W. Uhr, New York University Medical Center; D. A. Rowley, University of Chicago; G. Moller, Karolinska Institutet, Stockholm; S. Dubiski, Toronto Western Hospital; P. G. H. Gell, University of Birmingham; J. R. Marrack, M. D. Anderson Hospital and Tumor Institute; W. Dameshek, Tufts-New England Medical Center; D. Osoba, Vancouver General Hospital; J. R. Batchelor, Guy's Hospital Medical School, London; M. Potter, National Cancer Institute, Bethesda, Md.; L. A. Herzenberg, Stanford University School of Medicine; and O. Smithies, University of Wisconsin.

Enquiries should be addressed to Dr. B. Cinader, Ontario Cancer Institute, 500 Sherbourne Street, Toronto 5.

Notes

Administration

President Bissell has been elected Vice-Chairman of the Board of Trustees of the Carnegie Foundation for the Advancement of Teaching. President Robert F. Goheen of Princeton University became Chairman of the Board. Dr. Bissell is the only Canadian member of the Board, which consists of university presidents and prominent laymen with an interest in higher education.

Dr. Bissell represented the University of Toronto at the installation of Dr. Roger Gaudry as Rector of the University of Montreal.

Arts and Science

Three staff members have been appointed to the Canada Council's Academic Panel which held its first meeting in Ottawa recently. They are: Prof. T. A. Goudge, Chairman of the Department of Philosophy; Prof. J. E. Hodgetts, Department of Political Economy; and Prof. Malcolm M. Ross, Department of English and Dean of Arts, Trinity College. The new body consists of fifteen members representing the major disciplines of the humanities and social sciences chosen from Canadian universities. Its purpose will be to advise the Council on the needs of the academic community and to assist in the formulation of policies and programs.

Profs. W. H. Clarke, P. R. Demarque, J. D. Fernie, J. F. Heard, D. A. MacRae, R. C. Roeder, and S. van den Bergh attended the Oct. 22 meeting of the International Astronomical Union National Committee, at Ottawa. Dr. Demarque was convener of the scientific sessions. He presented papers on "Evolution of 15.5 Solar Mass Stars" and "On the Ages of Old Star Clusters". Dr. Roeder presented a paper on "Stellar Evolution with Varying Gravitational Constant".

The Neighbourhood Astronomers (from Ontario and states bordering the Great Lakes) met at the David Dunlap Observatory on October 30 for a one-day session on multiple stars.

Prof. Heard addressed the student officers of the Air Force College of Toronto on the subject of "The Atmosphere and Nearby Space" on Nov. 29.

Prof. Hogg represented the University of Toronto at the opening of the 140-foot Radio Telescope at the National Radio Astronomy Observatory in Green Bank, W. Va.

Profs. Hogg and MacRae attended the dinner in Boston to mark the 80th birthday of Harlow Shapley of the Harvard College Observatory.

Prof. MacRae spoke to the Cleveland Astronomical Society on Nov. 12 and to the Hamilton Centre of the R.A.S.C. on Dec. 2, on the subject "Are There Pingos on the Moon?".

Prof. van den Bergh gave a lecture on "The Extragalactic Distance Scale" to the Physics and Astronomy Colloquium in Princeton.

Prof. Demarque addressed the Astronomy Colloquium at Yerkes Observatory, University of Chicago, on "Some Problems on the Determination of the Ages of Old Star Clusters", on Nov. 8. He also addressed the Ottawa Centre of the R.A.S.C. on the subject "Stellar Evolution" on Dec. 10.

Prof. Roeder presented a paper on "G-Variable or Constant?" to the Department of Mathematics and Astronomy, University of Western Ontario, on Dec. 2.

Prof. W. A. C. H. Dobson attended meetings of the Board of Overseers of Harvard College, Visiting Committee, of which he is a member, on Dec. 7.

Dr. J. D. Ives, Director, Geographical Branch, Department of Mines and Technical Surveys in Ottawa, spent a week in the Department of Geography during November. Dr. Ives lectured and conducted seminars on research in glaciology and geomorphology carried out under his direction in Baffin Island.

The Department of Geography, in association with members of other departments, organized an all-day Inter Disciplinary Symposium on Machine Mapping in the East Hall of University College on November 19. Papers were presented by representatives from botany, geophysics, geography, meteorology and planning as well as by computer programmers. The meeting was attended by about a hundred participants. Two major themes emerged: contouring of maps was discussed in terms of spatial filtering and interpolation and the statistical description of surfaces while the organization of data systems was of major concern in connection with the spatial plotting of data.

Prof. A. D. Allen gave a lecture on "Ruthenium Complexes" at the University of Montreal on Nov. 24.

Prof. R. G. Barradas attended the Chemical Institute of Canada Chemical Education Division Executive Meeting in Ottawa on Nov. 15.

Prof. J. E. Dove gave a lecture entitled, "Chemical Reactions of Gases in Shock Waves" to the Research and Development Division of Polymer Corporation in Sarnia.

Prof. J. A. Page gave a seminar entitled, "The Polarography of Platinum Metals" in the Department of Chemistry, McMaster University on Nov. 18.

Prof. Keith Yates gave a lecture entitled, "The Ultraviolet Spectra of α-Silyl and α-Germyl Ketones" in the Department of Chemistry, Cornell University, Oct. 25.

Prof. Peter Yates gave a series of lectures on the "Application of Infrared Spectroscopy to Organic Chemistry" at Smith, Kline and French in Philadelphia, Nov. 17–19. He also lectured on "Recent Contributions to the Chemistry of α-Diazo Ketones" at Syracuse University on Dec. 10.

Colloquia have been given in the Department of Chemistry under the auspices of the School of Graduate Studies, by the following recent visitors: B. C. Eu, Brown University; Prof. R. Wolfgang, Yale University; Prof. D. M. Mohilner, Colorado State University; and Dr. F. C. Schaefer, Central Research Division, American Cyanamid Co., Stamford, Connecticut.

Prof. A. Ahmad gave seminars on "Mughal Rule" and "Mughal Culture" on Nov. 13 at the Inter-University Committee meeting on Southern Asian Studies held at the University of Chattanooga.

Prof. M. Q. Baig presided over a *Mushā'ira*, symposium of Urdu poetry, of the Pakistan-Canada Association of Toronto at the International Institute, and contributed his Urdu poem on "Iqbal's Conception of Pakistan" on Nov. 19.

Prof. C. E. Bosworth gave a lecture on "The Development of Persian Culture under the Early Ghaznavids" at the University of Michigan and on "Modern Afghanistan and its Problems" to the Middle East Society of that University on Dec. 1.

Prof. C. M. Kortepeter lectured on "Modern Turkey: Evolution or Revolution" on Nov. 23 under the auspices of the Institute of International Affairs, and on "In Quest of Renaissance and Reformation in the Ottoman Empire" on Dec. 2 to the University of Toronto Renaissance and Reformation Society. He represented the University of Toronto at the meeting of the Board of Governors of the American Research Institute in Turkey, held at Columbia University on Dec. 4.

On Nov. 13, Prof. Kurt Levy read a paper on "Bogotá: City of Violence or South American Athens?" to a meeting of the Southern Ontario Chapter of the American Association of Spanish and Portuguese, in Peterborough.

Prof. F. V. Atkinson was the invited Hour Speaker at the American Mathematical Society meeting in Iowa City, Nov. 26. His topic was "Multiparameter Spectral Theory".

On Nov. 5 and 6 the Department of Philosophy, together with the Department of Philosophy of the University of Waterloo,

held a colloquium on the Philosophy of Charles Sanders Peirce. Prof. David Savan read a paper entitled "Decision and Knowledge in Peirce" at the University of Waterloo on Nov. 5, and Prof. T. A. Goudge read a paper entitled "Peirce's Index" at the University of Toronto on Nov. 6. The colloquium was attended by philosophers from the University of Massachusetts, the State University of New York in Buffalo, New Jersey State College in Montclair, as well as by philosophers from several universities in Ontario.

Prof. J. W. Moffat gave a seminar entitled "Current-Algebras and Calculations in Broken Symmetries" at the Physics Department of the University of Rochester.

Prof. J. D. Poll attended the Eastern Regional Meeting of the Theoretical Physics Division of the Canadian Association of Physicists and presented a paper entitled "The Vibrational Frequencies of the H_2-Molecule".

Prof. R. E. Pugh presented a paper on "S Operator Theory and Field Theory" at the Eastern Theoretical Physics Conference at Stoneybrook on Nov. 26.

Prof. B. P. Stoicheff gave a seminar entitled "Spectroscopic Studies with Lasers" in the Department of Physics of the University of Waterloo on Nov. 26.

Prof. J. T. Wilson was on sabbatical leave during the first half of 1965. He lectured at the University of Cambridge, addressed the Clarendon Laboratory at Oxford, three colleges of the University of London, and four other British universities. During his return trip he spoke in the Physics or Geophysics departments of the Universities of Nairobi, Salisbury and Witwatersrand. He also gave seminars in five Australian universities and in Victoria University, Wellington, New Zealand. He was an honorary member of and addressed the annual meeting of the Australian and New Zealand Association for the Advancement of Science. Since his return he has given the Basterfield Lecture at the Regina Campus of the University of Saskatchewan on Oct. 7, three International Cooperation Year lectures at Dalhousie University, Oct. 19–21, a Centennial Anniversary lecture at Trinity College School on October 29. He was the national lecturer for Sigma Xi at ten Middle Western universities. He also spoke at Northwestern University, gave a paper to the Geological Society of America and addressed the Royal Canadian Institute in Toronto.

In the Department of Physics, seminars were recently given by the following visitors: Prof. B. Kehov, University of Maryland; Prof. M. K. Craddock, University of British Columbia; Prof. B. W. Down, University of Colorado; Dr. J. A. Morrison, National Research Council, Ottawa; and Prof. R. Glauber, Harvard University.

B. D. Bixley presented a paper entitled "Does Automation Raise New Problems?" at the Second Annual Conference, Exchange for Political Ideas in Canada, held last May.

Prof. N. K. Choudhry presented a paper at the World Population Conference held in Belgrade, Yugoslavia, Aug. 30–Sept. 10; attended the First World Conference of the Econometrics Society, Rome, Sept. 10–14; and while in India, gave two lectures on "Econometrics and Development Planning" at Bhagalpur University in August.

Prof. G. T. Gilbert addressed the Chartered Accountants' Students' Association of Ontario at York University's Glendon Campus on "Analytical Accounting".

Prof. M. J. Hare attended the Upstate New York Conference on Asia held at the University of Rochester, Nov. 5–6.

Prof. G. K. Helleiner presented a paper entitled "Typology in Development Theory: An Interpretation of the Nigerian Economy" at the annual meetings of the African Studies Association in Philadelphia, Oct. 27–30.

Prof. E. P. Neufeld presented a paper entitled "Savings, Investment and the National Pension Plan" at the Canadian Investment Seminar held at the University of Western Ontario, Sept. 9; addressed the "How to Invest" show in Toronto on Oct. 26, on "Prosperity and the Individual Investor"; and also addressed the Seminar on Management of the Enterprise in the School of Business, University of Toronto, on "What's Ahead for our Financial System" on Nov. 29.

Prof. N. M. Meltz has been appointed Chairman of the Committee on Occupational Classification, Canadian Political Science Association. The committee is to advise the Dominion Bureau of Statistics on revisions in its occupational classification for the 1971 census; and is also associated with Profs. J. Crispo and A. Kruger on a study of the labour market in Canada. Prof. Meltz is continuing his research in the manpower field, and is currently preparing a projection of future manpower requirements in Canada, based on the goals established by the Economic Council of Canada in its First Annual Review. He delivered a guest lecture at the RCAF Staff College on "The Canadian Labour Force and Manpower Problems" on Nov. 2; and presented a paper

to the Federal-Provincial Conference on Poverty and Opportunity in Ottawa, on "The Applications and Limitations of Manpower Forecasting", Dec. 9.

Prof. J. E. Smyth presented a report for the Committee on International Accounting at the meetings of the American Accounting Association, Oklahoma City, Sept. 1; submitted a brief to the Select Committee of the Ontario Legislature on the revision of the Corporations Act in September; addressed the Fee Appraisers Seminar on "The Criteria for Professional Status". Nov. 12; and addressed a plenary session of M.B.A. students at McMaster University, Hamilton on "The Social and Ethical Implications of Incorporation" on Nov. 20.

Prof. D. Berlyne addressed the Inter-University Psychology Colloquium at Arlington, Texas, Nov. 15, on "Diversive Exploration in the Rat".

Prof. B. B. Murdock spoke at a University of Western Ontario Colloquium on Nov. 18 on "Short-term Memory".

Prof. J. E. R. Staddon received a research grant for a three-year period from the National Institute of Mental Health to study "Reinforcement as Input: Effects of Temporal Pattern".

Prof. S. D. Clark was a visiting professor at the University of Alberta, Calgary, Nov. 15–16, and at the University of Alberta, Edmonton, Nov. 17–18.

Prof. Jan J. Loubser presented a paper: "Calvinism, Equality and Inclusion. The Case of Afrikaner Calvinism", at a meeting of the Society for the Scientific Study of Religion, Oct. 29–30, in New York.

Profs. Jean Burnet and Rex A. Lucas participated in the founding meeting of The Canadian Sociology and Anthropology Association, La Société Canadienne de Sociologie et d'Anthropologie, held at McGill University Oct. 30, 31, and Nov. 1.

University College

On Nov. 13, R. M. Ogilvie gave a lecture on "Livy" at the fall meeting of the Ontario Classical Association at York University.

At the annual meeting of the American Philological Association, held in Providence, R.I., Dec. 28–30, papers were read by Prof. J. M. Rist on "Some Little Regarded Aspects of Aristotelian Teleology"; by Prof. G. V. Sumner on "Cicero, Pompeius, and Rullus"; and Dr. C. P. Jones on "The Teacher of Plutarch".

Prof. L. E. Woodbury presided at the annual meetings of the Society for Ancient Greek Philosophy held in New York, Dec. 27, and in Providence, R.I., Dec. 28.

On Dec. 13, Dr. J. A. Willis gave a lecture on "The Silvae of Statius" at Harvard University, and on Dec. 14, he conducted a seminar on "Statius" at Yale University.

On Dec. 4 Profs. P. R. Léon and J.-Cl. Chevalier participated with other specialists from French, American and Canadian universities in a Colloquium on Applied Linguistics and the Teaching of French. The Colloquium, arranged by Professor Léon and held in West Hall of University College, was attended by more than three hundred university and secondary school teachers and school officials from all parts of the Province.

Prof. J.-Cl. Chevalier, Visiting Professor in the Department of French, has been awarded a Senior Grant from the Canada Council under its program of supporting visits to Canadian universities by scholars from France, Belgium and Switzerland.

Prof. R. J. Williams attended the annual meeting of the American Research Center in Egypt in Chicago, Nov. 13. Dr. D. B. Redford attended the same meeting.

Prof. D. R. Ap-Thomas visited the Southern Baptist Theological Seminary in Louisville on Oct. 21–22. He gave a sermon in the Seminary chapel; addressed a seminar on "S. Mowinckel's Theories on the Psalms"; and gave two lectures, one on "The Archaeology of Jerusalem" and the other on "The Frontiers of Old Testament Study in Britain and Europe". Prof. Ap-Thomas lectured on "The Archaeology of Jerusalem in the Light of Recent Finds" at the Faculty of Divinity at McGill University, on Nov. 25. He also lectured to the Oriental Club, Toronto on Dec. 7 on "Sigmund Mowinckel's Contribution to Biblical Studies".

Trinity College

The Rev. Prof. F. W. Beare addressed a plenary session of the International Congress of New Testament Studies held at Oxford, England, Sept. 13–17 on "The Sayings of Jesus in the Gospel according to St. Matthew: Questions of Authenticity". He also lectured at Ripon Hall, Oxford, and at the Theological College at Wells, Somerset, on "The Doctrine of the Holy Spirit in the Fourth Gospel" and "Christianity in a World of Many Faiths" respectively.

Prof. Douglas A. Joyce taught a Graduate Seminar on "Hugo von Hofmannsthal" at the State University of New York in Buffalo during the past summer.

Dean Malcolm Ross lectured at Canterbury College, University of Windsor, on "The New Ideologies and the New Art Forms".

The Provost gave a public lecture in the University of British Columbia on Oct. 25 entitled "The Recent History of 'God' ".

St. Michael's College

Prof. Edward A. Synan gave a Colloquium to the staff, St. John Fisher College, Rochester, N.Y. on Nov. 22 on "Writing: Hurdles and Falls", and lectured at Mount Carmel College, Niagara Falls, Ontario, on Dec. 3 on "Research for Renewal".

Prof. H. M. McLuhan spoke on "Canada as an Early Warning System for America's Arts" at the Festival of Arts at McMaster University, and participated in a Communications Debate on "The Cultural Aspect" sponsored by the University of Windsor Graduate Society.

Prof. R. J. Schoeck attended the annual Thomas More Conference at Yale University on Dec. 3.

Pontifical Institute of Mediaeval Studies

Rev. L. K. Shook was in Rome from September to December serving as a *peritus* at the fourth and final session of the Second Vatican Council.

The library of the Pontifical Institute received from Pope Paul VI a gift copy of the facsimile edition of the New Testament section of the renowned *Codex Vaticanus (Codex B).*

Rev. M. M. Sheehan has returned from London where he spent eight months research on mediaeval wills on a travel aid grant from the Nuffield Foundation. Father Sheehan also attended the Anglo-American Historical Conference in London; the Conference of Ecclesiastical History Society in Oxford; and the Twelfth International Congress of the Historical Sciences in Vienna.

Erindale College

At a recent luncheon meeting President Bissell officially constituted the Erindale College Council. To mark the occasion, Prof. I. M. Spigel presented Dr. Bissell with a copy of *Visual Perception*, a book recently published under his editorship—the first publication by a staff member of the College since its inception.

Medicine

Dean Hamilton attended the annual meeting of the Association of American Medical Colleges in Philadelphia, Oct. 29 to Nov. 2. During the week of Nov. 15, he participated in a survey of the Faculty of Medicine at the University of Montreal with representatives of the liaison committee of the Association of American Medical Colleges and the American Medical Association.

On Nov. 22 Dr. Hamilton was guest speaker at the annual banquet of the Alpha Omega Alpha Honour Medical Society and performed in the same capacity at the Ninth Annual Rehabilitation Symposium on Nov. 26. Both of these events were held in Toronto.

Another speaking engagement in Dr. Hamilton's busy schedule was on the occasion of a symposium on "The Medical Centre" held on Dec. 10 sponsored by the Ontario Hospital Services Commission. From Dec. 11 to 15, Dean Hamilton attended the Second Institute on the Medical School-University relationship held at Miami Beach under the auspices of the Association of American Medical Colleges.

During the first two weeks of November, Prof. F. G. Kergin visited the medical school of the University of Lagos, Nigeria, also the schools in Ibadan and Accra in Ghana. Purpose of the visit was to assess the quality of undergraduate teaching and basic surgical graduate training in the school at Lagos with a view to giving some of the young surgeons of that institution further training in the surgical specialties under the program operated by the Department of Surgery of this University.

Dr. P. E. Ireland has been on an extended tour sponsored by the University of Toronto and the Government of India. He left Toronto on Oct. 19 and returned aboard the S.S. United States from London, England on Dec. 20. During his trip, Dr. Ireland was one of two representatives from Canada at the International Congress of Oto-Rhino-Laryngology in Tokyo, where he presented a paper on the important research conducted at the University of Toronto on the "Use of Electroencephalography in the Diagnosis of Deafness in Infants and Small Children". He was also presiding officer at one of the sessions of the Congress and an after-dinner speaker at the Congress dinner attended by Their Highnesses Prince and Princess Takamatsu.

In India, as a guest of the Indian Government, Dr. Ireland visited twelve of the Indian Medical Schools and presented a

paper at the All India Institute of Medical Sciences in New Delhi on the subject of "Preparation of Man for Travel into Space". This paper included the work done by Professor Walter H. Johnson in conjunction with Defence Research Medical Laboratories, the National Aeronautical and Space Administration, and the Department of Otolaryngology of the University.

In London, Prof. Ireland presented a paper at the Royal Society of Medicine and four other papers at the University of London, the Institute of Laryngology and Otology, and the Nuffield Foundation on Hearing.

Prof. Gosta F. Dohlman, a visiting Professor from Sweden in the Department of Otolaryngology, also presented a paper at the Tokyo Congress. At the present time he is in Australia visiting many medical centres and institutions.

Prof. Barrie Fairley was the Annual Visitor of the Australian Association of Anaesthetists and the New Zealand Society of Anaesthetists. During an eight-week tour Dr. Fairley gave lectures and demonstrations in the major medical centres of all the Australian states, and in Auckland, Dunedin, and Wellington in New Zealand. He was the guest speaker at the annual meetings of the Australian and New Zealand Associations of Anaesthetists. En route to Australia, Prof. Fairley also visited Siraraj Hospital and Medical School in Bangkok, Thailand, and addressed the Singapore Society of Anaesthetists.

Dr. R. L. Matthews, Dr. D. C. Finlayson, and Prof. R. A. Gordon participated in a symposium on "The Kidney in Anaesthesia" held under the auspices of the Ontario Division of the Canadian Anaesthetists Society in Ottawa, Oct. 29–30.

Dr. I. M. McKay conducted demonstrations of anaesthetic techniques at the Dufferin Area Hospital, Orangeville, on Nov. 23, and addressed a meeting of the hospital staff on "Common Problems in Anaesthesia".

Dr. Shirley A. Fleming has been seconded for a fourth year as the Professor of Anaesthesia at the University of Lagos Medical School in Nigeria.

Dr. R. E. Turner presented papers on current developments in forensic psychiatry and the Forensic Clinic of the Toronto Psychiatric Hospital at the annual meeting of the Manitoba Psychiatric Association, Winnipeg; at the annual meeting of the Manitoba Council of Women, Winnipeg; at the monthly meeting of the Brant County Medical Society, Brantford; at the Sixth Annual Psychiatric Teaching Day for Practising Physicians at St. Lawrence State Hospital, Ogdensburg, New York; and at the Sixth Bishops' Conference in Peterborough.

Dr. J. C. Richardson was a guest speaker at the annual meeting of the Saskatchewan College of Physicians and Surgeons and presented a paper on Oct. 21 in Saskatoon on "The Neurological Assessment of Head Injured Persons".

Dr. E. D. Wigle has given the following talks: at the 38th Scientific Sessions of the American Heart Association, Miami Beach, Oct. 15, on "The Effect of Left and Right Ventricular Conduction Defects on the Electrocardiogram in Muscular Subaortic Stenosis"; "Ventricular Compliance as a Determinant of Cardiac Symptoms and Signs", to the Nova Scotia Cardiovascular Society, Halifax, Nov. 9; "Acquired Valvular Heart Disease: Assessment and Indications for Surgery", delivered at the Clinical Day, Saint John, N.B., organized by the Postgraduate Division of Dalhousie University; "Recent Topics of Interest in Cardiac Disease", also delivered at the Clinical Day, Saint John: "The Electrocardiographic Effects of Incising the Human Ventricular Septum", to the 18th Annual Meeting of the Canadian Cardiovascular Society, Winnipeg, Nov. 18.

On Nov. 8 Dr. E. A. McCulloch took part in a Seminar at the Roswell Park Memorial Institute in Buffalo, as part of a Series of Cancer Chemotherapy Seminars, on "Studies on the control of Hemopoietic Proliferation and Differentiation".

At the Hamilton Academy of Medicine Annual Clinical Day, Nov. 10, Dr. Calvin Ezrin delivered a lecture on "Recent Advances in Thyroidology".

Dr. K. J. R. Wightman attended the Annual Refresher Course at Dalhousie University, and delivered the John Stewart Memorial Lecture, the topic being, "Adverse Reactions to Drugs". He also addressed the Atlantic Provinces Dietetic Association on Nov. 24. On Oct. 29 he addressed the Ontario Thoracic Society on the subject, "Advances in Antibiotic Therapy".

On Oct. 15 at the annual meeting of the American Heart Association, Dr. K. W. G. Brown and Dr. R. L. MacMillan gave a paper entitled "Cardiac Arrhythmias following Myocardial Infarction".

The Gairdner Foundation Award Winners this year were: Dr. R. R. A. Coombs, Dr. J. W. Conn, Dr. C. E. Dent, Dr. D. J. McCarty, Dr. C. J. LeBlond, and Sir Horace Smirk.

Dr. C. M. Godfrey attended the International Congress of Manual Medicine in London where he acted as a participant in a round-table discussion and was appointed Secretary of the North American Academy of Manipulative Medicine. While in England he was the guest of Dr. P. Rawson, Keeper of the Gulbenkian Museum in Durham. Dr. Godfrey, whose major interest is Prosthetics, inspected the mummy with the prosthetic hand which has been discovered recently.

Applied Science and Engineering

Dr. J. Schwaighofer gave a seminar on "Dynamic Photoelasticity" on Nov. 30 at the University of Tennessee.

Prof. S. M. Uzumeri attended the annual meeting of the Prestressed Concrete Institute in Miami between Dec. 4 and 10, and took part in discussions of the Connections Committee of the Prestressed Concrete Institute and the Board of Directors of the Canadian Prestressed Concrete Institute regarding precast connection research programs to be undertaken in the United States and Canada next year.

Dr. F. P. J. Rimrott gave a series of lectures entitled "Concepts in Mechanical Vibrations" to professional engineers at Canadian General Electric Limited, Peterborough.

Dr. I. A. B. Low conducted a seminar on "A New Approach to the Understanding of the Behaviour of Underground Mining Structures" at the Department of Mining and Metals Engineering, University of Wisconsin, on Dec. 14.

Prof. Arthur Porter was guest speaker at the annual meeting of the Institution of Production Engineers in Toronto on Nov. 12. He gave a public lecture on "The Man-Machine Dialogue" at Queen's University on Nov. 15 and was guest speaker at the annual dinner of the Athlone Fellowship Association in Toronto on Nov. 20. Prof. Porter was a member of a panel which discussed "Automation and Education" at the Ontario Secondary School Headmasters' Association Annual Convention in Toronto on Nov. 30. He presented a paper entitled "Cybernetics" at the Staff Training Conference of the United Steelworkers of America at Niagara Falls on Dec. 1.

Prof. Donald J. Clough has been appointed a member of the new N.R.C. Grant Selection Committee for Computing and Information Science. On Nov. 22, Prof. Clough addressed the Toronto Section of CORS, "On the Accuracy of Sampling Observations".

Prof. D. G. Andrews and J. J. Steyn attended the American Nuclear Society annual meeting at Washington on Nov. 15–18. They co-authored a paper, presented by Mr. Steyn, on "Experimental Differential Number, Energy and Dose Albedos for Semi-Infinite Media, for Normally-Incident Gamma Radiation".

Prof. M. E. Charles addressed the Sudbury section of the Chemical Institute of Canada on the topic "Recent Developments in Pipeline transport of solids" on Dec. 1.

Dr. H. Sawistowski was a C.I.C. tour speaker during the period Nov. 14–24 and gave lectures on "Interfacial Phenomena in Liquid-Liquid Systems", "Heat and Mass Transfer in Distillation" and "Chemical Engineering Education in Great Britain" at the C.I.L. Research Centre in McMasterville, the St. Maurice Valley C.I.C. Section and at the following universities: McGill, Ottawa, Queen's, McMaster, and Western Ontario. He also gave seminar lectures at the University of New Brunswick and Waterloo University and attended the 58th Annual Meeting of the American Institute of Chemical Engineers in Philadelphia.

Prof. Olev Trass was also a Chemical Institute of Canada tour speaker in Quebec during the week of Dec. 6. He spoke to the Quebec City, St. Maurice Valley, Sherbrooke and Drummondville sections of the C.I.C. on "Shock Tubes in High Temperature Reaction Studies". He visited the Canadian Armament Research and Development Establishment at Valcartier and toured local universities and chemical plants.

Prof. Hummel presented a paper "Points of View in Boiling Nucleation" at the 58th Annual Meeting of the A.I.Ch.E., attended meetings of the Heat Transfer Division and the Educational Projects Committee, and was appointed assistant chairman of a subcommittee to prepare film loops to aid in teaching heat transfer.

Prof. G. Sinclair attended a meeting of the N.R.C. Associate Committee on Radio Science on Nov. 1 in Ottawa. He has been appointed Chairman of the Technical Programme Committee for the combined U.S.-Canadian Meeting of U.R.S.I. in Ottawa in 1967.

Prof. J. M. Ham addressed the Third Annual Meeting of the Canadian Research Management Association on Nov. 1 on the subject "Priorities in University-Industry Interaction".

Prof. S. Dmitrevsky gave a lecture at Harvard University Nov. 22, on "Noise in Microwave Masers".

Prof. E. J. Davison addressed the Department of Electrical Engineering, University of Windsor on Dec. 15 on "Automatic Control of Large Systems".

Prof. Gordon R. Slemon was one of two recipients of the first Western Electric awards for excellence in instruction to engineering students. Presentation was made at the 20th regional meeting of the American Society for Engineering Education held at Syracuse University, Oct. 8 and 9.

Dr. I. I. Glass attended the Fourth Hypervelocity Techniques Symposium at the U.S.A.F. Arnold Air Force Station, Tullahoma, Tennessee, during Nov. 15–17. He gave an invited lecture on "Theoretical and Experimental Corner Expansion Flows of Dissociated and Ionized Gases", on Nov. 18 at the Department of Aerospace Engineering, Georgia Institute of Technology, Atlanta. Dr. Glass attended the Division of Fluid Dynamics Meetings of the American Physical Society, Case Institute of Technology, Cleveland, Nov. 22–24. Dr. Glass has been appointed a member of the National Aeronautics and Space Administration Research Advisory Committee on Fluid Mechanics. He attended a meeting of the Committee at the NASA Langley Research Centre, Hampton, Virginia, on Nov. 29 and 30 in order to review the research program in fluid physics and fluid mechanics now being conducted at this centre.

Dr. Y. Y. Chan, P. V. Marrone, and D. E. Rothe attended the Division of Fluid Dynamics Meetings of the American Physical Society, Cleveland, Nov. 22–24. They gave papers entitled "Integral Methods in Compressible Laminar Boundary Layers and their Applications to Hypersonic Pressure Interactions", "Rotational Temperature Measurements in Free Jets Using an Electron Beam Probe", and "Detailed Measurements of Diffusive Separation of Helium-Argon Mixtures in Free Jets and Shock Waves" respectively.

Dr. G. N. Patterson chaired a session on the Mechanics of Rarefied Gases at a Meeting of the American Physical Society in Cleveland, Nov. 22–24.

Dr. H. S. Ribner has been elected a Fellow of the Acoustical Society of America. He attended a meeting of the Division of Fluid Mechanics, American Physical Society and visited the Case Institute of Technology in Cleveland, Nov. 22–24.

Prof. R. C. Tennyson attended the International Conference on Dynamic Stability of Structures held at the Technological Institute, Northwestern University, Evanston, Illinois on Oct. 18–20.

Education

Prof. C. Bedal was appointed to a second term as Secretary-Treasurer of the Ontario School Counsellors' Association at the Annual Convention held in London on Nov. 11, 12, and 13.

Prof. J. W. Dodd was guest speaker and panelist at the Ford Foundation Theatre Communications Group Workshop held at the Manitoba Theatre Centre in Winnipeg, Nov. 12 to 14.

Prof. George E. Flower addressed a conference of Canadian city superintendents of schools in Vancouver, Nov. 20, on "Canada's Responsibilities in Education to Developing Countries".

Prof. A. D. Lockhart was a member of a panel on the teaching of history at the professional conference of North York teachers of history. In late November he participated in the discussions at the National Council for the Social Studies in Miami Beach.

Neil McLean has been filmed in the following television productions for M.E.T.A. for showing in the New Year—Great Debates Item, The Confederation Debates, and Mirror of Man, Romanesque Architecture.

W. B. MacMurray attended the annual meeting of Canadian Boys' Independent Schools' Headmasters held at Stanstead College, Quebec, Dec. 27 to 30.

Prof. J. H. Passmore has been elected President of the Canadian Association for Health, Physical Education and Recreation. He recently visited the University of Victoria, the University of Alberta, and the University of Manitoba.

Prof. G. A. Reid addressed L'Association des Collèges Commerciaux de Québec at their annual conference in Montreal on Nov. 26. He conducted a workshop on modern techniques and practices in the development of business skills. During the morning of Nov. 27 he spoke to the conference on the methods of developing vocational competence for senior business students.

Prof. Margaret Scott addressed the School Librarians of the Scarborough Secondary Schools on Dec. 2, and discussed problems facing school librarians in developing good school library service to meet the needs of education today.

Library Science

Prof. Edith Jarvi has been appointed to the American Library Association's Subscription Books Committee which reviews and evaluates important new reference works. Prof. Jarvi is, at present, the only Canadian on this Committee.

Prof. R. B. Land has been appointed to membership on the Curriculum Committee of the Association of American Library Schools.

Prof. Isabel McLean has been appointed to membership on the Public Library Standards Committee of the Canadian Library Association.

Prof. Mary Silverthorn attended a meeting of the Audio-Visual Section of the Ontario Library Association at Kitchener on Nov. 24. Prof. Silverthorn has been appointed to the Executive of the Toronto Branch of the African Students Foundation as Chairman of its Book Committee.

The library of the School of Library Science has moved to new quarters on the second floor at 256 McCaul Street.

Forestry

Prof. J. L. Farrar has been elected Fellow of the American Association for the Advancement of Science.

Music

Prof. Richard Johnston's *First and Second Suites for Piano* have just been published by B.M.I. Ltd., Toronto, and his *Christmas Garland for unaccompanied female voices* has been published by the Waterloo Music Company. Prof. Johnston addressed the winter meeting of the Ontario Music Educators' Association on the subject "The Hungarian Program for Music Education and Its Application in Canada".

Prof. Talivaldis Kenin's *Quartet for Piano, Violin, Viola and Cello* was performed on Oct. 3 in Town Hall, New York, with Robert Silverman, piano; Norma Auzin, violin; Francis Tursi, viola; and Ronald Leonard, cello; on Oct. 5 his *Divertimento for Clarinet and Piano* was performed at Capital University, Ohio, with David L. Hite, clarinet and Verena Dambrans, piano. On Oct. 30 his *Sonata for Violin and Piano* was performed in Wigmore Hall, London, England, with violinist Jack McDougal and pianist Maria Solimini. Finally, on Nov. 1 his *Sonata for Cello and Piano* was performed in Bonn, Germany, with Prof. A. Teichman, cello, and R. Walter, piano.

Architecture

Dr. Gerald Hodge presented a paper on "Urban Systems and Regional Policy" at the Institute of Public Administration of Canada annual meeting held in Winnipeg on Sept. 10.

Social Work

Prof. D. F. Bellamy gave an address on "The Report of the Consultative Committee on Housing Policies for the City of Toronto" to the Conference on Housing, Toronto, Nov. 27.

Prof. Gerson David presented selected findings of the first phase of the completed research project on "Social Class and Treatment Process" to the professional staff of the Family Service Association of Metropolitan Toronto, Nov. 16. He also discussed implications for social work profession based on the research findings.

Prof. Elizabeth Govan acted as resource person at the Canadian Conference on Children, Montreal, Oct. 30–Nov. 4; and was also a resource person on The Volunteer and Public Welfare for the Board Members Institute under The Volunteer Bureau of the Hamilton Community Council, Nov. 13. Prof. Govan gave a commentary on the paper given by M. L'abbé Jean Marie Lafontaine on "The Health Charter: A Moral Problem in Canadian Life" at the Health Services Conference, Ottawa, Nov. 28–Dec. 1.

Prof. C. E. Hendry gave an address on "Human Aspects of Social and Economic Development Abroad" at the United Church of Canada Conference held at McMaster University, Nov. 9; an address on "Responsible Parenthood: Social and Psychological Aspects" at a symposium in Toronto, Nov. 24; and an address on "The New Ontario Child Welfare Act" at the American Academy of Pediatrics Symposium, Toronto Hospital for Sick Children, Nov. 24. Prof. Hendry chaired the opening of the second National Institute on Community Development under the auspices of the National Committee of Canadian Schools of Social Work, Nov. 25–28; and also chaired a symposium on "Education and the Indian and Eskimo" held by the Indian-Eskimo Association of Canada, Dec. 1.

Dr. Bernard Lappin acted as co-ordinator of the Nov. 25–28 meetings of the Institute on Community Development of the National Committee of the Canadian Schools of Social Work and presented the opening paper entitled "Issues and Problems Facing Canada in Community Development".

Representatives from the Canadian schools of social work, from five departments of the Federal government, from several voluntary organizations involved in community development participated.

Dr. Albert Rose attended a conference sponsored by the Columbia University School of Social Work and the National Association of Social Workers on "The Role of Government in Promoting Social Change" at Arden House, Harriman, N.Y., Nov. 18–21 where he presented an invited paper on "Strategies for Implementing Social Change".

Dr. Benjamin Schlesinger addressed the Nov. 12–13 "Conference on the Family", Windsor, Ont. on "Strains, Stress, and Sanity in Family Life Today"; gave an address on "The Working Mother and Day Care" at the Hilltop Nursery School with Ray Godfrey, Nov. 24; and held a seminar in November, to North York Board of Education Teachers on "The Teacher in Society".

Dr. J. C. Spencer has been appointed a member of the Ontario Department of Education's Guidance Curriculum Committee—Occupations Program. Dr. Spencer gave an address on "After-care of the Mental Hospital Patient and Social Policy" to the conference of the Ontario College of General Practitioners and the Canadian Mental Health Association on the after-care of the psychiatric patient, on Nov. 12; on "Juvenile Delinquency and Social Policy" to the Workshop on juvenile delinquency organized by the Social Planning Council of Peel County, Nov. 12; and attended a conference on "The Role of Government in Promoting Social Change" sponsored by the Columbia University School of Social Work at Arden House, Harriman, N.Y., Nov. 18–21.

Dr. John Farina acted as consultant to the York-Scarborough Area Study (C.B.C.) during October and November; and also completed and submitted a report on "A Centennial Project" to the Town of Weston on Nov. 9. Dr. Farina addressed the Hamilton Branch of Canadian Association for Health, Physical Education and Recreation, on "Athletics and Individual Development" at McMaster University, Nov. 2; addressed the Texas Social Welfare Association Conference on "Work, Free-Time and Leisure" at Houston, Nov. 12; and also a panel presentation on "Minority Groups in Ontario" at University of Western Ontario Students Council Annual Seminar on Racial and Ethnic Discrimination, Nov. 26.

Prof. J. S. Morgan presented a paper at the Department of Public Health Nursing Services Fall Conference at Vineland, Ont. The theme of the conference was "Planning Today for Tomorrow's Public Health Nursing Services".

Dr. J. E. Laycock attended a conference on Public Welfare Administration and Training, Washington, D.C., Nov. 1–2; and attended meetings of the Council on Social Work Education Committee on Advanced Studies, New York, Nov. 22–23.

Dr. Tadeusz Grygier lectured to the Study Group, Elizabeth Fry Society, on "Origins and Significance of the New Training Schools Act", Oct. 19; lectured to the Mimico and Mercer Reformatories staff on "Female Criminality and its Treatment", Oct. 20; and participated in a symposium on "General Climate and Needs in Testing" held in Barrie, at the Residential Seminar on Measurement for Selected Ontario Guidance Personnel, Oct. 21–22.

Dr. Charles Levy addressed the Association of Jewish Communal Workers of Metropolitan Toronto at Holy Blossom Temple on "The Future of Sectarian Communal Service" on Dec. 17.

Hygiene

Prof. Emeritus Harvey Agnew gave an address on "Programming and Planning the Operative Suite" to the Institute on Hospital Planning in Chicago Nov. 10–12, conducted by the American Association of Hospital Consultants. On Dec. 1 he spoke on "Areawide Planning of Hospitals" at a Canadian Educational Assembly in Ottawa sponsored by the American College of Hospital Administrators.

Dr. D. M. McLean presented a paper entitled "Transmission of Viral Infection by Recreational Water" at a symposium on Transmission of Viruses by the Water Route at Cincinnati, Dec. 6.

Dr. G. H. Beaton presented a paper at the recent meeting of the Western Hemisphere Nutrition Congress, sponsored by the American Medical Association and held in Chicago. Dr. Beaton has been appointed a member of the editorial board of the *Journal of Nutrition*, the official journal of the American Institute of Nutrition, effective July 1, 1966.

Dr. John Hastings presented a paper on "Major Issues for Decision and Action" at the working conference on Implications of a Health Charter for Canadians at the Chateau Laurier Hotel in Ottawa on Nov. 29.

Business

Prof. J. H. G. Crispo participated in and addressed the plenary session of a conference sponsored by the Costi Italian Community Educational Centre on the general theme of "Integration Through Education" on Nov. 12 and 13. He also addressed the 13th Annual Fall Conference of the Personnel Association of Toronto on the subject of "Collective Bargaining—the New Militancy" on Nov. 18.

Prof. M. R. Hecht addressed the senior management group of the Switchgear Division of Northern Electric Company Ltd. on "The General Systems Approach to Management" on Nov. 16.

Prof. O. W. Main spoke to the Toronto Chapter of American Society of Tool and Manufacturing Engineers on "The New Management" on Dec. 1.

Prof. M. S. Moyer gave the concluding address to the Advanced Sales Management course at the University of Waterloo on Dec. 6 on the subject of "Renaissance in Canadian Retailing."

Prof. J. V. Poapst was a participant in a panel discussion of "Foreign Control of Canadian Business" at the Conference on Law and World Affairs, held at the University on Nov. 19.

Computer Science

Prof. A. Lehman delivered a paper, "An Odd Property of Free Modular Lattices" to the semi-annual Combinatorics Conference, Ann Arbor, at the University of Michigan on Oct. 22. He also addressed the Seminar on Lattice Theory on "The Word Problem for Free Modular Lattices" at McMaster University on Nov. 19.

Child Study

Profs. M. F. Grapko, J. A. McInnes and M. S. O'Connell and Mrs. Ada Schermann attended the Ontario Curriculum Institute Conference at the Royal York Hotel on Dec. 10.

Bio-Medical Electronics

Prof. E. Llewellyn Thomas addressed the Etobicoke Chapter of the Association of Professional Engineers on Nov. 24 on the topic, "Biomedical Engineering". The American College of Hospital Administrators invited Prof. Llewellyn Thomas to deliver three lectures during their meeting in Ottawa on Dec. 3. He spoke on "Development of Biomedical Engineering", "Problems of Staffing and Control", and on "Future Developments in Biomedical Engineering".

Royal Ontario Museum

Colonel Charles Wellington Furlong, consultant to the Stefansson collection, Dartmouth College Library, spoke on "Extinct Indians of Tierra del Fuego" at the ROM on Dec. 3. Colonel Furlong, 91, is an explorer, writer, painter, and ethnologist who brought back from Tierra del Fuego the only song, speech, and hand and footprint records extant of now-extinct Ona and Yahgan tribes.

Dr. V. B. Meen addressed the Rochester Academy of Science on Nov. 12 on the topic, "Burma—Land of the Ruby and the Jade."

Henry Trubner read a paper on "Some Special Characteristics of Japanese Ceramics" at a symposium held on Dec. 9 and 10 at the Detroit Institute of Arts in conjunction with the opening there of the exhibition "Art Treasures of Japan".

Mrs. Barbara Stephen and Mrs. Haruko Motamedi also attended the symposium.

Dr. A. D. Tushingham gave a lecture on "Pottery: Craft and Calendar" at the Ontario College of Art on Nov. 4, and was guest speaker at the annual dinner of the Royal Canadian Academy in the York Club on Nov. 13.

On Nov. 19, 20, and 21, Dr. E. S. Rogers attended the second annual conference of the Indian-Eskimo Association held at North Bay, and chaired the session on cultural diversity. On these same dates Dr. Rogers attended meetings of the Indian Advisory Committee to the Minister of Lands and Forests, of which he is a member.

Dr. G. B. Wiggins received a second grant from the National Science Foundation in support of his studies on the Trichoptera of North America. These studies will be supported by the grant for a three-year period, and field work will again be concentrated on the caddisfly fauna of western North America.

Dr. W. B. Scott attended the annual meetings of the Gulf and Caribbean Fisheries Institute, the International Conference on Tropical Oceanography and the International Game Fish Conference which were held consecutively in Miami, Florida from Nov. 12–20. He presented a paper on

"Canadian Salmonoid Fishes" at the latter meeting.

Dr. L. S. Russell attended the annual meeting in November of the Society of Vertebrate Palaeontology, held at Lawrence, Kansas. He presented a report on his palaeontological field work during the past summer, and on studies on early mammals carried out at the British Museum (Natural History). Subsequently he attended the annual meeting of the Geological Society of America in Kansas City.

H. B. Burnham spoke at the Ontario College of Art on Nov. 11 on the subject "Textiles as Art" and at McMaster University on Nov. 19 on "Canadian Textiles".

The Press

The following have been published by the Press since the December issue of the *Bulletin*:

Dictionary of Canadian Biography, Volume I, 1000–1700 (Laurentian Edition). Editors: George W. Brown, Marcel Trudel, and André Vachon. $50.00

The Mark of Honour. By Hazel C. Mathews. $4.75

In Defence of Canada, Volume 2: Appeasement and Rearmament. By James Eayrs. $6.95

The Rise of the Technocrats: A Social History. By W. H. G. Armytage. $7.95

Centennial Tales and Other Poems. By Watson Kirkconnell. $7.95

Other Books

Internretation Theory in Applied Geophysics. By F. S. Grant and G. F. West. McGraw-Hill, July, 1965.

The Earth's Shape and Gravity. By G. D. Garland. Pergamon, October, 1965.

Changes in the Occupational Composition of the Canadian Labour Force, 1931–61. By Noah M. Meltz. Queen's Printer, July, 1965.

The Popes and the Jews in the Middle Ages. By Edward A. Synan. New York: Macmillan, 1965.

Publications from the Pontifical Institute of Mediaeval Studies include: *Mediaeval Studies, vol. 27*; *Life and Works of Clarembald of Arras* by N. M. Harring; *Quaestiones . . .* by Bernard of Trilia, edited by Stuart Martin.